

GORDON RESEARCH CONFERENCE ON PEPTIDE GROWTH FACTORS

Salve Regina College, Newport, Rhode Island

August 5-10, 1990

Keynote Address:

Douglas Hanahan
University of California
San Francisco

Factors Controlling Angiogenesis during
Tumor Development

Gordon N. Gill, M.D.
Discussion Leader

Signaling by Tyrosine Kinase Growth Factor
Receptors

Gordon N. Gill, M.D.
University of California, San Diego
La Jolla, California

Epidermal Growth Factor Receptor

Rik Derynck, Ph.D.
Genentech, Inc.
South San Francisco, California

Tumor Growth Factor α

Larry Rorschneider
Fred Hutchinson Cancer Research Center
Seattle, Washington

Regulation of Growth and Differentiation by the
c-fms proto-oncogene

Lewis T. Williams
Discussion Leader

Receptors Mediating Growth and Differentiated Function

Lewis T. Williams
University of California
San Francisco, California

Signal Transduction by the Fibroblast Growth
Factor Receptor

David Julius
University of California
San Francisco, California

Serotonin Receptor

Harold L. Moses, M.D.
Discussion Leader

Growth Inhibitors

Harold L. Moses, M.D.
Vanderbilt University
Nashville, Tennessee

Regulation of Cell Proliferation by Type β
Transforming Growth Factors

Joan Massague
Memorial Sloan-Kettering Cancer Center
New York, New York

TGF- β and Growth Inhibition

Ian S. Trowbridge, Ph.D.
The Salk Institute
La Jolla, California

Transmembrane Tyrosine Phosphatases

James Smith, Ph.D.
Discussion Leader

Regulation of Early Development

James Smith, Ph.D.
National Institute for Medical Research
London, England

Growth Factor Control of Mesodermal Development

John Heath
Oxford University
Oxford, England

Regulatory Factors of Pluripotential Stem Cells

Frank McCormick, Ph.D.
Discussion Leader

Signal Transducing Pathways

Frank McCormick, Ph.D.
Cetus Corporation
Emeryville, California

GAP, ras Proteins Signal Transduction

Graham Carpenter, Ph.D.
Vanderbilt University
Nashville, Tennessee

Substrates for Ligand-Activated Tyrosine Kinases

Dr. Shelley Sazer
Oxford University
Oxford, England

Cell Cycle Regulation in Fission Yeast and its
Relevance to Higher Eukaryotes

Wen-Hwa Lee, Ph.D.
Discussion Leader

Growth Suppressor Genes

Wen-Hwa Lee, Ph.D.
University of California, San Diego
La Jolla, California

Replacement of the Retinoblastoma Gene
Suppresses Multiple Types of Human Cancer

David E. Housman, Ph.D.
MIT Center for Cancer Research
Cambridge, Massachusetts

Wilms Tumor Gene

David R. Clemmons, M.D.
Discussion Leader

Insulin-like Growth Factors

David R. Clemmons, M.D.
University of North Carolina
Chapel Hill, North Carolina

Insulin-like Growth Factor 1 Enhancers

Derek LeRoith, M.D., Ph.D.
Health
Bethesda, Maryland

Regulation of Gene Expression of IGF-I
and its Receptor

Peter Rotwein, M.D.
Washington University
School of Medicine
St. Louis, Missouri

Expression of Insulin-like Growth Factors and
their Receptors during Differentiation

Special Lecture:

Michael G. Rosenfeld, M.D.
Special Lecture

Pou Domain Proteins in Growth and Development

Inder Verma
Discussion Leader

Regulation of Gene Transcription

Inder Verma
The Salk Institute
La Jolla, California

Oncogenes and Transcription Factors:
An Unholy Alliance

Ulrich Müller
Lewis Thomas Laboratory
Princeton, New Jersey

The Role of Transcription Factor AP-1
in E1A and cAMP Dependent Expression
Adenovirus of Gene

Marc Montminy, M.D., Ph.D.
The Salk Institute
La Jolla, California

cAMP Response Element Binding Protein